

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------------------------------|------------------|---------|------------------|
| L1 | 0 | syringe and needleless and (propagat\$4 same shock same wave) and @pd>="20061019" | US-PGPUB; USPAT | OR | ON | 2007/06/12 13:36 |
| L2 | 331 | (604/68).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 13:31 |
| L3 | 72 | (604/69).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 13:31 |
| L4 | 195 | (604/70).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 13:31 |
| L5 | 91 | (604/71).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 13:31 |
| L6 | 86 | (604/72).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 13:31 |
| L7 | 3 | (L2 or L3 or L4 or L5 or L6) and ((reservoir or cavity) same (conical or cone)) and @pd>="20061019" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 13:31 |
| L8 | 0 | syringe and needleless and (propagat\$4 same shock same wave) and @pd>="20061019" | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 13:36 |
| S1 | 280 | (604/68).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/02 15:29 |
| S2 | 60 | (604/69).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/11 15:37 |
| S3 | 171 | (604/70).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/11 15:41 |
| S4 | 86 | (604/71).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/11 15:54 |
| S5 | 76 | (604/72).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/11 15:57 |

EAST Search History

| | | | | | | |
|-----|-----|---|------------------------------|----|-----|------------------|
| S6 | 38 | (US-20020004641-\$ or US-20020188248-\$).did. or (US-2670121-\$ or US-2671347-\$ or US-2675802-\$ or US-2699166-\$ or US-2704542-\$ or US-2704543-\$ or US-2714887-\$ or US-2754818-\$ or US-2762369-\$ or US-2762370-\$ or US-2816543-\$ or US-2816544-\$ or US-2902994-\$ or US-5630796-\$ or US-5730723-\$ or US-5899880-\$ or US-6004286-\$ or US-6063053-\$ or US-6156008-\$ or US-6168587-\$ or US-6475181-\$ or US-6585685-\$).did. or (US-2653603-\$ or US-2670121-\$ or US-2675802-\$ or US-2699166-\$ or US-2704542-\$ or US-2714887-\$ or US-2737946-\$ or US-2754818-\$ or US-2762369-\$ or US-2762370-\$ or US-2764977-\$ or US-2816543-\$ or US-2816544-\$ or US-2902994-\$).did. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/29 11:02 |
| S7 | 12 | S6 and charge | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/12 12:21 |
| S8 | 2 | S6 and pyrotec\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/12 11:46 |
| S9 | 1 | ("4945050").PN. | US-PGPUB; USPAT | OR | OFF | 2005/07/12 12:30 |
| S10 | 1 | ("3802430").PN. | US-PGPUB; USPAT | OR | OFF | 2005/07/12 12:30 |
| S11 | 162 | (604/140).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:16 |
| S12 | 234 | (604/141).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/13 14:01 |
| S13 | 49 | (604/142).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/13 14:01 |
| S14 | 134 | (604/143).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/13 14:02 |
| S15 | 74 | (604/145).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/13 14:02 |
| S16 | 113 | (604/146).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/13 14:02 |

EAST Search History

| | | | | | | |
|-----|-----|--|------------------------------|----|-----|------------------|
| S17 | 72 | (604/147).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/13 14:02 |
| S18 | 91 | (604/148).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/13 14:02 |
| S19 | 294 | (604/68).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S20 | 63 | (604/69).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S21 | 179 | (604/70).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S22 | 86 | (604/71).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S23 | 81 | (604/72).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S24 | 38 | (US-20020004641-\$ or US-20020188248-\$).did. or (US-2670121-\$ or US-2671347-\$ or US-2675802-\$ or US-2699166-\$ or US-2704542-\$ or US-2704543-\$ or US-2714887-\$ or US-2754818-\$ or US-2762369-\$ or US-2762370-\$ or US-2816543-\$ or US-2816544-\$ or US-2902994-\$ or US-5630796-\$ or US-5730723-\$ or US-5899880-\$ or US-6004286-\$ or US-6063053-\$ or US-6156008-\$ or US-6168587-\$ or US-6475181-\$ or US-6585685-\$).did. or (US-2653603-\$ or US-2670121-\$ or US-2675802-\$ or US-2699166-\$ or US-2704542-\$ or US-2714887-\$ or US-2737946-\$ or US-2754818-\$ or US-2762369-\$ or US-2762370-\$ or US-2764977-\$ or US-2816543-\$ or US-2816544-\$ or US-2902994-\$).did. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/12 14:17 |
| S25 | 163 | (604/140).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S26 | 237 | (604/141).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S27 | 50 | (604/142).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |

EAST Search History

| | | | | | | |
|-----|-----|---|------------------------------|----|-----|------------------|
| S28 | 134 | (604/143).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S29 | 74 | (604/145).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S30 | 114 | (604/146).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S31 | 72 | (604/147).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S32 | 91 | (604/148).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/12 14:17 |
| S33 | 41 | (S19 or S20 or S21 or S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S31 or S32) and (pyrotechnic with charge) | US-PGPUB; USPAT | OR | ON | 2005/12/12 14:18 |
| S34 | 9 | S33 and (shock with wave) | US-PGPUB; USPAT | OR | ON | 2005/12/12 14:18 |
| S35 | 2 | ("2737946").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/02 15:29 |
| S36 | 64 | (604/69).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/02 15:40 |
| S37 | 3 | S36 and (propagat\$4 same shock same wave) | US-PGPUB; USPAT | OR | ON | 2006/03/02 15:43 |
| S38 | 7 | syringe and needleless and (propagat\$4 same shock same wave) | US-PGPUB; USPAT | OR | ON | 2007/06/12 13:25 |
| S39 | 17 | ("0691709" "3308818" "3595231" "3788315" "4596556" "4945050" "5026343" "5049125" "5062830" "5149655" "5204253" "5282785" "5330446" "5371015" "5630796").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 16:32 |
| S40 | 298 | (604/68).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/29 11:03 |
| S41 | 64 | (604/69).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/29 11:03 |
| S42 | 183 | (604/70).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/29 11:03 |

EAST Search History

| | | | | | | |
|-----|----|--|------------------------------|----|-----|------------------|
| S43 | 87 | (604/71).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/29 11:03 |
| S44 | 81 | (604/72).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/29 11:03 |
| S45 | 46 | (S40 or S41 or S42 or S43 or S44) and ((reservoir or cavity) same (conical or cone)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 13:30 |